



278529

Toledo Plate Glass
FINAL POLREP
10/26/92I-3
11/2/92

I. HEADING

Date: November 2, 1992

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Subject: Toledo Plate Glass Removal, Toledo, Lucas County, Ohio.

POLREP NO. 13 (Final)

II. BACKGROUND:

Site No:	RA
Delivery Order No:	7460-05-226
Response Authority:	CERCLA
CERCLA Incident Category:	Site
NPL Status:	No
Start Date:	5-4-92
Completion Date:	10-26-92

III. RESPONSE INFORMATION:

A. Situation

The Toledo Plate & Window Glass (TPWG) site is an abandoned manufacturing site for secondary mirror glass. It is situated on a 1.9 acre city block in an area of Toledo, Ohio comprised of light industries, businesses and residences.

Local, state and federal investigations of the facility revealed the existence of numerous drums and assorted containers of various hazardous wastes and equipment sludge pits containing wastewater sludges. In addition, investigation teams discovered extensive asbestos contamination throughout the building. Damaged and deteriorating asbestos insulation and other building materials containing asbestos were the source of contamination. Teams also discovered the basement of the building to be flooded with approximately 12 inches of water; the result of inoperable sump pumps after electricity to the building was disconnected.

The cleanup of the TPWG facility was addressed in two phases because of the presence of both chemical wastes and asbestos in the building. The first phase of the cleanup, from May, 1992, thru July, 1992, addressed the cleanup, removal and disposal of the chemical waste found on site. The second phase of the cleanup, from September, 1992 thru October, 1992 addressed the cleanup, removal and disposal of asbestos from the building.

B. Actions Taken

- o October 17 - Received verbal results on analyticals for clearance samples collected for the basement and the fourth and fifth cleanup areas of the first floor of the TPW facility. Results indicated that the levels of asbestos in these areas are below the EPA ambient air standards.
- o October 19 - Shipped (4) 30 cubic yard rolloff boxes containing asbestos and asbestos contaminated materials (ACM) off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
- o October 19 - Shipped (4) 30 cubic yard rolloff boxes containing non-hazardous construction debris off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
- o October 20 - Shipped (5) 30 cubic yard rolloff boxes containing asbestos and asbestos contaminated materials (ACM) off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
- o October 20 - Shipped (2) 40 cubic yard rolloff boxes containing asbestos and ACM off site for disposal at the Evergreen/Waste Management landfill, 2625 E. Broadway, Northwood, Ohio.
- o October 20 - Shipped (6) 30 cubic yard rolloff boxes containing non-hazardous construction debris off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
- o October 21 - Shipped (2) 40 cubic yard rolloff boxes containing asbestos and ACM off site for disposal at the Evergreen/Waste Management landfill, 2625 E. Broadway, Northwood, Ohio.
- o October 21 - Shipped (4) 30 cubic yard rolloff boxes containing non-hazardous construction debris off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
- o October 22 - TAT conducts haz cat tests on wastes shipped for disposal on 10/16/92 to Pollution Control Industries, East Chicago, Indiana (PCI). PCI rejected these wastes for disposal on 10/20/92. Based on test results, the TAT separated the materials into four waste streams for disposal - flammable solids, flammable liquids, compressed gases, and solids.

- o October 22 - Shipped (5) 40 cubic yard rolloff boxes containing non-hazardous construction debris off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
 - o Demobilized majority of ERCS crew and cleanup equipment from site.
 - o October 23 - Shipped (1) 40 cubic yard rolloff box containing asbestos and asbestos contaminated materials (ACM) off site for disposal at the BFI landfill, 6233 Hagman Rd., Erie, Michigan.
 - o October 23 - Demobilized support zone trailers, equipment and materials, TAT and remaining ERCS personnel and equipment from site.
 - o October 26 - Shipped (2) 30 gallon drums and (2) 5 gallon pails containing flammable liquids, flammable solids, compressed gas, and solids off site for disposal at Drug & Lab Disposal, Plainwell, Michigan. These wastes were originally shipped from site on 10/16/92 for disposal at the Pollution Control Industries facility in East Chicago, Indiana. They were rejected by the facility and returned to site on 10/22/92. The TAT conducted haz cat tests on the material to determine waste streams and compatability on 10/22/92.
 - o Demobilized site security.
- C. Next Steps
- o Completion of the OSC report.
- D. Results Achieved:
- o All chemical wastes found on site were collected, consolidated as appropriate, removed from the TPWG building, and disposed off site including 33 drums of chemical waste removed from a semi-trailer found in a lot across from the TPWG building.
 - o All asbestos, asbestos contaminated materials, and debris have been removed from the Toledo Plate & Window Glass facility and transported off site for disposal in landfills.
 - o TAT collected TEM clearance samples throughout abatement activities to determine the level of asbestos present in each area of the TPWG facility after abatement activities were completed, and to verify that these levels met the standards required for health and safety. Analytical results for these samples verified that levels of asbestos in the TPWG facility are now below the EPA ambient air standard.
 - o All access points in the Toledo Plate & Window Glass building have been boarded over and/or locked in an effort to limit access to the building and vandalism to the building's interior.

IV. COST INFORMATION:

Through October 22, 1992

	BUDGETED	SPENT
ERCS	\$ 700,000	\$ 628,649
TAT	\$ 125,000	\$ 107,187
EPA - DIRECT	\$ 26,400	\$ 18,445
EPA - INDIRECT	\$ 42,400	\$ 31,990
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TOTAL	\$ 893,800	\$ 786,271